Station Code:

Reported Date (Month Year):
August 2007

Application:

9/11/2007

Sampling Station Description :

NO. 2 SLURRY IMPOUNDMENT

in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample Reporting Lab:
in(2) - Enter frequency of sampling TRA-DET, INC.

(1) 3 3 3 3 3 3 3 3 3 3 3 3 3

			<u></u>	<u> </u>			WRIGHT	
(1)	3	3	3	3	3	3	3	
(2)	1	1	1	1	1	1	1	
Day	(00400) pH s.u.	(00530) Total Suspended Solids mg/l	(01045) Iron, Total (Fe) ug/l	(01055) Manganese, Total (Mn) ug/l	(50050) Flow Rate MGD	(00545) Residue, Settleable(Volume) mL/L	(00045) Total Precipitation Inches	
01	8.2	20	1400	420	1.2		0	
02					AB		0	
03					AB		0	
04					AB		0	
05					AB		1.63	
06					AB		. 0	
07					AB		0.16	
08					AB		0.63	
09					AB		0.13	
10					AB		0	
11					AB		0	
12					AB		0	
13					AB		. 0	
14					AB		0	
15					AB		0	
16					AB		0.86	
17					AB		0	
18					AB		0.05	
19					AB		0.35	
20	<u> </u>				AB		1.7	
21					AB		0	
22					AB		0	
23					AB		0	
24					AB		0	
25					AB		0	
26				<u> </u>	AB		0	
27					AB		0	
28					AB		0	
29					AB		0	
30					AB	·	0	
31					AB		0	
OTAL	8.2	20	1400	420	1.2	0	5.51	
AVG	N/A	20	1400	420	1.2		0.1777	
MAX	8.2	20	1400	420	1.2		1.7	
MIN	8.2	20	1400	420	1.2	0	. 0	

I certify under the penalty of law that I have personally examined and am familiar with the information submitted and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Date Report Completed:

Signature of Reporter:

Title of Reporter:

09/11/2007

DAVID L BARTSCH

ENVIRONMENTAL COORDINATOR

Form No EPA 4500 (8-91) (Generated by SWIMS) Formerly EPA SURI

4500

Name, Address City, County, ZIP: THE OHIO VALLEY COAL COMPANY THE OHIO VALLEY COAL COMPANY 56854 PLEASANT RIDGE ROAD ALLEDONIA OH 43902

Station Code:

Reported Date (Month Year):

August 2007

Application:

0IL00046

9/11/2007

Sampling Station Description :

NO. 2 SLURRY IMPOUNDMENT

4500

Name, Address City, County, ZIP: THE OHIO VALLEY COAL COMPANY THE OHIO VALLEY COAL COMPANY 56854 PLEASANT RIDGE ROAD ALLEDONIA OH 43902

Station Code: Reported Date (Month Year):

August 2007

Application:

9/11/2007

0IL00046

Sampling Station Description: NO. 1 PORTAL SANITARY SYSTEM

	nter 1 for Continuo	ous, 2 for Composite, sampling		Reporting Lab:		Analyst: LAURA K. WRIGHT		
(1)	3	3	3	3	3	3	3	
(2)	1	1	1	1	1	1	1	
Day	(00010) Water Temperature C	(00083) Color, Severity Units	(00300) Dissolved Oxygen mg/l	(00530) Total Suspended Solids mg/l	(00610) Nitrogen, Ammonia (NH3) mg/l	(01330) Odor, Severity Units	(01350) Turbidity, Severity Units	
01	23	0	8	AA	0.34	0	0	
02	25	0		_		0	0	
03	25	0				0	0	
04	AN	AN				AN	AN	
05	AN	AN		İ		AN	AN	
06	24	0	9	AA		. 0	0	
07	25	0				0	0	
08	25	0	8	AA		0	0	
09	25	0				0	0	
10	25	0				0	0 .	
11	AN	AN				AN	MA	
12	AN	AN				AN	AN	
13	24	0	8	ÄÄ		0	0	
14	23	0				0	0	
15	24	0	8	AA	0.16	. 0	0	
16	24	0				0	0	
17	24	0				0	0	
18	AN	AN				AN	AN	
19	AN	AN				AN	AN	
20	24	0	9	AA		0	0	
21	23	0				0	0	
22	24	0	9	AA		0	0	
23	24	0				0	0	
24	25	0				. 0	0	
25	AN	AN				AN	AN	
26	AN	AN				AN	AN	
27	25	0	9	AA		0	0	
28	24	0				0	0	
29	25	0	. 8	AA	0.2	0	0	
30	25	0				0	0	
31	25	0				0	. 0	
OTAL	560	0	76	0	0.7	· 0	0	
AVG	24.3478	0	8.4444	0	0.2333	0	0	
MAX	25	0	9	0	0.34	0	0	
		<u> </u>			_			

I certify under the penalty of law that I have personally examined and am familiar with the information submitted and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

В

Date Report Completed:

Signature of Reporter.

Title of Reporter:

09/11/2007

MIN

DAVID L BARTSCH

ENVIRONMENTAL COORDINATOR

Form No EPA 4500 (8-91) (Generated by SWIMS) Formerly EPA SURI

Station Code:

Reported Date (Month Year):

August 2007

Application:

9/11/2007

0IL00046

Sampling Station Description: NO. 1 PORTAL SANITARY SYSTEM

in(1) - Ei in(2) - Ei	nter 1 for Continuo	us, 2 for Composite, 3 ampling	for Grab Sample Re	porting Lab: VA-DET, INC	•	Analyst: LAURA K. WRIGHT	
(1)	3	3	3	· 3	T 3 T		7
(2)	1	1	1	1	1		
Ī	(31616)	(50060)	(80082)	(00400)	(00056)		1
į	Fecal Coliform' #/100 ml	Chlorine, Total Residual	CBOD 5 day	PH S.U.	Flow Rate		ĺ
Day		mg/l	mg/l	S.U.	GPD		·
01		0	5.1	7.4	17952		
02		0			29376		
03		0	1	**	17136		
04		AN			AN		
05		AN			AN		
06		0	•		37536		
07		0			14688		
08		0			13872		
09		. 0			24480		
10		0			13056		
11		AN			AN		<u> </u>
12		AN			AN		
13		0			13328	· · · · · · · · · · · · · · · · · · ·	
14		0 .			10608		
15	AA	. 0	0.6		13075	······································	
16		0			26004		
17		0			13056		
18		AN			AN		
19		AN			AN		
20		0			15232		
.21		0			23664		
22		0			16320		
23		0			15504		
24		0			20400		
25		AN			AN		
26		AN			AN		
27		0			14960		
28		0			19584		
29		0	AA		29376	****	
30		0			10608		
31		0			14688		
DTAL	0	0	5.7	7.4	424503	0	0
AVG	1	0	1.9	N/A	18456.6522		
VAX	0	. 0	5.1	7.4	37536	*	
MIN	0	0	0	7.4	10608	0	0

Form No EPA 4500 (8-91) (Generated by SWIMS) Formerly EPA SURI

Page 2 of 2

Station Code:

Reported Date (Month Year):

August 2007

Application:

9/11/2007

Sampling Station Description: NO. 1 PORTAL SANITARY SYSTEM

Reporting Code	Result Date	Additional Remarks	Mdl
00530	08/01/2007		.87
00530	08/06/2007		. 87
00530	08/08/2007		. 87
00530	08/13/2007		. 87
00530	08/15/2007	, , , , , , , , , , , , , , , , , , , ,	. 87
00530	08/20/2007		. 87
00530	08/22/2007		. 87
00530	08/27/2007		.87
00530	08/29/2007		.87
31616	08/15/2007		10.
80082	08/29/2007		.46

Station Code:

Reported Date (Month Year):

August 2007

Application:

9/11/2007

Sampling Station Description:

NO. 8 POND

		us, 2 for Composite,				Analyst :		
1(2) - E	inter frequency of s	ampling		TRA-DET, INC.	·	LAURA K.	WRIGHT	
(1)	3	3	3	3	3	3	3	
(2)	1	1	1	1	1	1	1	
	(00530)	(01045)	(01055)	(50050)	(00545)	(00045)	(00400)	
	Solids	Iron, Total (Fe) ug/l	Manganese, Total (Mn)	Flow Rate	Residue, Settleable(Volume)	Total Precipitation	pĦ s.v.	
Day	mg/l	-3/-	ug/1		mL/L	Inches		
01		•		AB		0 .		
02				AB		0 .		
03				AB		0		
04		<u> </u>		AN		0		
05				AN		1.63		
06				0.0024		0		
07	2	90	190	AB		0.16	7.7	
08				AB		0.63		
09				AB		0.13		
10				AB		0		
11				AN		0 .		
12				AN		0		
13				AB		0		
14				AB		D		
15				AB		0		
16				0.031		0.86		
17				0.004		0		
18				AN		0.05		
19				AN		0.35		
20	•			0.054		1.7		
21				0.062		0		
22	AA	200	190	0.009		0	8	
23				0.008	<u> </u>	. 0		
24				AB		0		
25				AN		0		
26				AN	<u> </u>	0		
27				0.007		0 .		
28				0.003		0		
29				AB .		0 .		
30				AB		0		
31				AB		0		
OTAL	2	290	380	0.1804	0	5.51	15.7	
AVG	1	145	190	0.02		0.1777	N/A	

I certify under the penalty of law that I have personally examined and am familiar with the information submitted and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

190

190

Date Report Completed: 09/11/2007

MAX

- MIN

Signature of Reporter: DAVID L BARTSCH

90

Title of Reporter:

0.062

0.0024

ENVIRONMENTAL COORDINATOR

Form No EPA 4500 (8-91) (Generated by SWIMS) Formerly EPA SURI

4500

Name, Address City, County, ZIP: THE OHIO VALLEY COAL COMPANY THE OHIO VALLEY COAL COMPANY 56854 PLEASANT RIDGE ROAD ALLEDONIA OH 43902

Station Code:

Reported Date (Month Year): August 2007

Application:

9/11/2007

007

0IL00046

Sampling Station Description:

NO. 8 POND

Reporting Code	Result Date	Additional Remarks	Mdl
00530	08/22/2007		.87
L		<u> </u>	

4500

Name, Address City, County, ZIP: THE OHIO VALLEY COAL COMPANY THE OHIO VALLEY COAL COMPANY 56854 PLEASANT RIDGE ROAD ALLEDONIA OH 43902

Station Code: 011

Reported Date (Month Year): August 2007

Application:

9/11/2007

DIL00046

Sampling Station Description: NO. 7 POND

	nter frequency of sai		ļ.	TRA-DET, INC.		Analyst: LAURA K. WRIGHT		
(1)	3	3	3	3	3	3	3	
(2)		1	1	1	1	1	1	
Day	(00045) Total Precipitation Inches	(00400) pH S.U.	(00530) Total Suspended Solids mg/l	(01045) Iron, Total (Pe) ug/l	(01055) Manganese, Total (Mn) ug/l	(50050) Flow Rate MGD	(00545) Residue, Settleable(Volum mL/L	
01	0		 			AB		
02	0					AB		
03	0					AB		
04	0					AN		
05	1.63	 	 	 		AN		
06	0		<u> </u>		 	AB	1	
07	0.16	8.8	_ 10	2400	320	AB		
08	0.63					AB		
09	0.13		-			AB	·	
10	0 .		1			AB	† · · · · · · · · · · · · · · · · · · ·	
11	0	· · · · · · · · · · · · · · · · · · ·				AN	 	
12	0		<u> </u>			AN	·	
13	0					AB		
14	0		1 .			AB		
15	0				1	AB	 	
16	0.86		 			AB		
17	0					AB		
18	0.05			·	·	AN		
19	0.35					AN		
20	1.7					AB		
21	0					AB		
22	0					· AB		
23	0					AB		
24	0					AB		
25	0					AN		
26	0					AN		
27	0					AB	1	
28	0					. AB		
29	0					AB		
30	0.					AB		
31	0					AB		
OTAL	5.51	8.8	10	2400	320	0	0	
AVG	0.1777	N/A	10	2400	320	0		
MAX	1.7	8.8	10	. 2400	320	0		
MIN	0	8.8	10	2400	320	. 0	0	

I certify under the penalty of law that I have personally examined and am familiar with the information submitted and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Date Report Completed:

Signature of Reporter:

Title of Reporter:

09/11/2007

DAVID L BARTSCH

ENVIRONMENTAL COORDINATOR

Form No EPA 4500 (8-91) (Generated by SWIMS) Formerly EPA SURI

Station Code: 011

Reported Date (Month Year):
August 2007

Application:

0IL00046

9/11/2007

Sampling Station Description:

NO. 7 POND

Station Code:

Reported Date (Month Year): August 2007

Application:

9/12/2007

0IL00046

Sampling Station Description:

NO. 13 POND

	nter 1 for Continuounter frequency of sa	us, 2 for Composite, 3 ampling		Reporting Lab: TRA-DET, INC.		Analyst: LAURA K. WRIGHT		
(1)	3	3	3	3	3	3	3	
(2)	1	1	1	1	1	1	1	
	(01045)	(00045)	(00400)	(00530)	(01055)	(50050)	(00545)	
	Iron, Total (Fe) ug/l	Total Precipitation	рĦ s.v.	Total Suspended Solids	Manganese, Total (Mn)	Plow Rate MGD	Residue, Settleable (Volum	
Day	-3/-	Inches	0.0.	mg/l	ug/1		mL/L	
01	1400	0	· 8	33	1190	0.216		
02		0				0.225		
03		0				0.216		
04		0				AN		
05		1.63				AN		
06		0				0.3		
07	650	0.16	7.8	B.8	1800	0.375		
08		0.63				0.729		
09		0.13				0.229		
10		0				0.581		
11		0		 		AN		
12		0		 		AN		
13		0	 	 		0.59		
14		0				0.729		
15		0		 		0.8		
,16		0.86		+		1.3		
17		0				0.59		
18		0.05				AN		
19		0.35				AN		
20		1.7	· · · · · · · · · · · · · · · · · · ·			0.362		
21		0				0.4	<u> </u>	
22		0 .				0.425		
23		0				0.329		
24		0				0.141		
25		0				AN ·		
26	1	· 0				AN	<u> </u>	
27		0 ·				0.139	<u> </u>	
28	990	0	В	4.4	1700	0.135	1.	
29		0				0.133		
30		0		1		0.135	 	
31		0				AB	 	
OTAL	3040	5.51	23.8	46.2	4690	9.079	0	
AVG	1013.3333	0.1777	N/A	15.4	1563.3333	0.4127		
VIAX	1400	1.7	В	33	1800	1.3		
MIN	650	0	7.8	4.4	1190	0.133	0	

I certify under the penalty of law that I have personally examined and am familiar with the information submitted and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Date Report Completed:

Signature of Reporter:

Title of Reporter:

09/11/2007

DAVID L BARTSCH

ENVIRONMENTAL COORDINATOR

Form No EPA 4500 (8-91) (Generated by SWIMS) Formerly EPA SURI

Station Code: 013

Reported Date (Month Year): August 2007

Application:

0IL00046

9/12/2007

Sampling Station Description: NO. 13 POND

	nter frequency of sa			Reporting Lab:		Analyst: LAURA K	Analyst: LAURA K. WRIGHT		
(1)	3	3	3	3	3	3	3		
(2)	1	1	1	1	1	1	1		
Day	(00515) Residue, Total Dissolved mg/l	(00945) Sulfate, (SO4) mg/l	(01002) Arsenic, Total (As ug/l	(01027) Cadmium, Total (Cd) ug/l	(01042) Copper, Total (Cu) ug/l	(01051) Lead, Total (Pb) ug/l	(01147) Selenium, Total (Se) ug/l		
01	4800	2600	AA	8	AA	10	. AA		
02		· · · · · · · · · · · · · · · · · · ·							
03									
04									
05									
06						,			
07									
08	-								
09				,					
10									
11					·				
12					•				
13									
14									
15									
16									
17						•			
18		•							
19									
20									
21									
22	_								
23		·					<u> </u>		
24									
25									
26									
27									
28					ļ	•			
29									
30									
31									
OTAL	4800	2600	0	. 8	0	10	0		
AVG	4800	2600	0	8	0	10	0		
MAX	4800	2600	0	8	0	10	0		
MIN	4800	2600	0	8	0	10	0		

Station Code:

Reported Date (Month Year):

August 2007

Application:

oilooo46

9/12/2007

Sampling Station Description:

NO. 13 POND

	nter frequency of s		3 for Grab Sample	Reporting Lab: TRA-DET, INC	•	Analyst: LAURA K	Analyst: LAURA K. WRIGHT		
(1)	3	3	3						
(2)	1	1	1						
Day	(99983) Zinc, Total ug/l	(99985) Chromium, Total ug/l	(99993) Mercury, Total ug/l		1000		•		
01	12	12	AA			- 			
02									
03	*								
04									
05			-						
06					·				
07									
08							ļ		
09							 		
10						_ 			
11	•					_ 			
12									
13						<u> </u>	ļ		
14					<u> </u>				
15									
16 17		<u> </u>							
18	 		······································	+		-	· · · · · · · · · · · · · · · · · · ·		
19							 		
20									
21				- 					
22									
23									
24				<u> </u>	1				
25				 					
26									
27									
28									
29									
30	.								
31									
OTAL	12 .	12	0	0	0	0	0		
AVG	12	12	0			<u> </u>			
MAX	12	12	0						
MIN	12	12	0	0	0	0	0		

Form No EPA 4500 (8-91) (Generated by SWIMS) Formerly EPA SURI

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Page 3 of 3

4500

Name, Address City, County, ZIP: THE OHIO VALLEY COAL COMPANY THE OHIO VALLEY COAL COMPANY 56854 PLEASANT RIDGE ROAD ALLEDONIA OH 43902

Station Code:

Reported Date (Month Year):
August 2007

th Year): Application:

9/12/2007

013

Sampling Station Description:

NO. 13 POND

Reporting Code	Result Date	Additional Remarks	MdI
01002	08/01/2007		.4
01042	08/01/2007		2.
01147	08/01/2007		5.
99993	08/01/2007		.1

4500

Name, Address City, County, ZIP: THE OHIO VALLEY COAL COMPANY THE OHIO VALLEY COAL COMPANY 56854 PLEASANT RIDGE ROAD ALLEDONIA OH 43902

Station Code:

588

Reported Date (Month Year):
August 2007

Application:

9/11/2007

0IL00046

Sampling Station Description:
NO. 1 PORTAL SLUDGE MONITORING

	nter 1 for Continuo inter frequency of s		3 for Grab Sample F	Reporting Lab:		Analyst: LAURA K	Analyst: LAURA K. WRIGHT		
(1)	3	3		<u> </u>					
(2)		1				<u> </u>			
Day	(70318) Sludge Solids, Percent Total	(80991) Sludge Volume, Gallons Gals				F	·		
01									
02									
03									
04									
05									
06									
07	<u> </u>								
08									
09									
10									
. 11		·							
12									
13					,	<u> </u>	·		
14									
15									
16									
17				<u> </u>					
18						ļ			
19	ŀ								
20									
21						ļ			
22			<u> </u>		ļ				
23			<u> </u>	<u></u>					
. 24			<u> </u>	<u> </u>					
25			<u> </u>	<u> </u>	ļ				
26					ļ	ļ.			
27			·	<u> </u>	ļ				
28									
29					ļ				
30									
31	1			<u> </u>	<u> </u>				
TOTAL	0	0	0	0	0	0	0		
AVG									
MAX				<u> </u>	ļ				
MIN	0	0	0	0	0	0	0		

I certify under the penalty of law that I have personally examined and am familiar with the information submitted and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Date Report Completed:

Signature of Reporter:

Title of Reporter:

09/11/2007

DAVID L. BARTSCH

ENVIRONMENTAL COORDINATOR

Form No EPA 4500 (8-91) (Generated by SWIMS) Formerly EPA SURI

4500

Name, Address City, County, ZIP: THE OHIO VALLEY COAL COMPANY THE OHIO VALLEY COAL COMPANY 56854 PLEASANT RIDGE ROAD ALLEDONIA OH 43902

Station Code:

Reported Date (Month Year):

August 2007

Application:

9/11/2007

01L00046

Sampling Station Description:
NO. 1 PORTAL SLUDGE MONITORING